

Amendments to the Specification

With the acceptance of amended Figure 1, showing the wellhead and control valves, as required by the Examiner, the specification must be amended to point out the wellhead and the associated control valves. Item numbers 106 – 108 have been added to the specification so that the surface control valves may be identified. This amendment adds no new material.

[0076] The operator would then measure out the two quantities of fluid. The pumping operation would be stopped and the surface control valves closed, 106, so that the well is shut-in. A tube would be run between an ancillary surface valve, 107 or 108, (common in the industry for injecting fluids into the production tubing) and the measured chemical. The rod string or cable would be drawn upwards thereby opening the venting aperture(s). The surface valve, 107 or 108, is then opened drawing the chemical down the production tubing. When the chemical is fully ingested, the surface valve is closed. The tube is moved to the container containing a measured amount of produced fluid (equal to the volume required to spot the chemical as calculated) and the surface valve is again opened. The valve is closed after the measured quantity of produced fluid is drawn into the tubing. The rod string or cable is lowered back down thereby closing the instant device and normal pumping operations are resumed.

[0077] An alternate procedure may be followed. The operator would measure out the chemical and place that in a first container and then measure out the makeup fluid and place that in a second container. Conduit would be run from the two containers, through control valves (107 and 108) and into the wellbore. The pumping operation would be stopped and the surface control valves closed so that the well is shut-in. The valve to the chemical is opened and the instant device is opened by drawing up on the rod string or cable. Just before the chemical container goes dry the valve is closed and the make up fluid valve is opened. Shortly before the make up container goes dry the rod string or cable is lowered thereby closing the instant device and the control valve (at the surface) is closed.